

The DAN Website

Search for

Data & Alarms

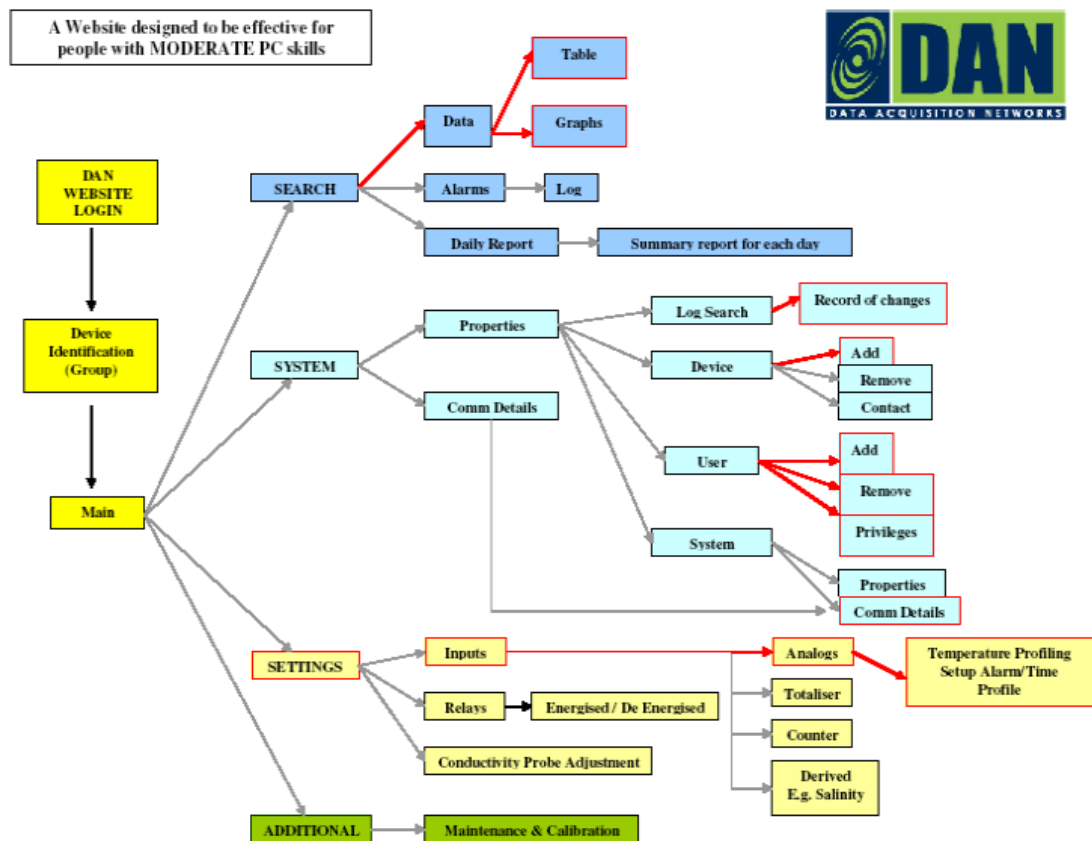
'HD' Type

Wireless Water Metering

INDEX

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The flow chart below will assist in locating where to find various elements of the web site:



LOGIN

Once you have successfully logged onto your system on the DAN website, the index can be found across the top of the page, below the blue banner. A detailed explanation of each index item is provided below. To return to the 'main' index place your cursor over the word 'main' and select 'Index'

IMPORTANT NOTES:

1. These notes cover the operational aspects of the DAN web site. For security set up and maintenance refer to the 'Administrator's Instructions'
2. When **ANY** change is made to a page it is necessary to scroll to the bottom of the page and **submit** the change. Once accepted by the DAN server you will be required to **click OK** to confirm the change.
3. SMS Messages will only be sent if the facility has been activated (refer – communication setup).
4. Any shaded field cannot be changed.
5. The maximum allowable number of characters that may be entered into any SMS message window is 98.
6. Search procedures are detailed for standard search facilities (Data and Alarm). Other search procedures follow the same pattern and may change from time to time.

The screenshot displays the DAN web interface. At the top is a blue banner with the DAN logo (Data Acquisition Network) and the text "Powerful Web Based Data Logging Solutions". Below the banner is a navigation bar with links: Main, Console, Reports, Search, System, Settings, and Logout. The main content area is titled "Database" and contains the following sections:

- DEVICE IDENTIFICATION**
 - SERIAL NUMBER: HD070001 | ARV NORTH
- MAIN**
 - Consists of index and change device pages
- SEARCH**
 - Search on database for real-time measurement data and alarms
- SYSTEM**
 - Edit main system and communication properties
 - From system properties page you have access to user and device accounts

SEARCH (Search for Data)

The Search page is found by passing your cursor over the 'Search' item and clicking on the drop down 'Data Search'. The following page will be displayed.

The screenshot shows the 'Data Search' page of the DAN (Data Acquisition Network) system. The page has a blue header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Console, Reports, Search, System, Settings, and Logout. The main content area is titled 'Data Search' and contains several sections: 'DEVICE IDENTIFICATION' with a 'DEVICE' field set to 'HD070001 | ARV NORTH'; 'SEARCH CONDITION' with 'FROM' and 'TO' date/time fields set to '2013-10-20 12:24' and '2013-10-25 12:24' respectively, with a placeholder '[YYYY-MM-DD HH:MM]'; 'RESULT SET ORDER' with a 'DATE/TIME' dropdown set to 'DESCENDING'; and 'RETRIEVE DATA' with four radio button options: '1 to 6' (selected), '7 to 12', '13 to 18', and '19 to 24'. A 'Search' button is located at the bottom of the form.

SEARCH CONDITION

FROM:

The start date for the search period defaults to 5 days prior to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

RESULT SET TO ORDER

DATE/TIME:

Select 'descending' or 'ascending' by drop down. Descending places the most recent date at the top of the search result. (Hint: use 'ascending' if data is to be graphed in a spread sheet – this results in time increasing to the right.)

RETRIEVE DATA

DATA:

The system has the capability to collect data for up to 24 inputs. Data is displayed in groups of 6 inputs for ease of reading. Select the group of inputs you wish to display.

SEARCH

Initiates requested search

SEARCH (Search for Alarms)

The Alarm Search page is found by passing your cursor over the 'Search' item and clicking on the drop down 'Alarms Search'. The following page will be displayed.

The screenshot shows the 'Alarms Search' page of the DAN Data Acquisition Network. The page has a blue header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Console, Reports, Search, System, Settings, and Logout. The main content area is titled 'Alarms Search' and contains several sections: 'DEVICE IDENTIFICATION' with a 'DEVICE' field set to 'HD070001 | ARV NORTH'; 'SEARCH CONDITION' with 'FROM' and 'TO' date/time fields set to '2013-10-24 12:32' and '2013-10-25 12:32' respectively, with a placeholder '[YYYY-MM-DD HH:MM]'; 'RESULT SET ORDER' with a 'DATE/TIME' dropdown set to 'DESCENDING'; 'INPUT SELECTION' with an 'INPUTS' dropdown set to 'ALL'; and 'RETRIEVE ALARMS' with three radio buttons: 'ALARM A', 'ALARM B', and 'Both ALARM A and ALARM B', with the last one selected. A 'Search' button is at the bottom.

SEARCH CONDITION

FROM:

The start date for the search period defaults to 24 hours prior to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

RESULT SET TO ORDER

DATE/TIME:

Select 'descending' or 'ascending' by drop down. Descending places the most recent date at the top of the search result.

INPUT SELECTION

INPUTS:

Select inputs for inclusion in the report by drop down (If available otherwise 'all' inputs will be included)

RETRIEVE ALARMS

ALARMS:

- 'ALARM A' retrieves all alarms sent to the web site in the period specified by all A alarm/control points (Refer 'Settings' below)
- 'ALARM B' retrieves all alarms sent to the web site in the period specified by all B alarm/control points (Refer 'Settings' below)
- 'Both Alarm A and Alarm B' retrieves all alarms sent to the web site in the period specified, (Refer 'Settings' below)

SEARCH

Initiates requested search

SEARCH (Daily Report – Graph Format)

The Daily Report Search page is found by passing your cursor over the 'Reports' item and clicking on the drop down 'Data Report'. The following page will be displayed.

The screenshot shows the 'Data Report Graphs' search page. At the top is a header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Console, Reports, Search, System, Settings, and Logout. The main content area is titled 'Data Report Graphs' and contains several sections: 'DEVICE IDENTIFICATION' with a 'DEVICE' field set to 'HD070001 | ARV NORTH'; 'REPORT PERIODS' with 'FROM' (2014-11-28 00:00) and 'TO' (2014-12-08 13:17) fields; 'DATA INTERVAL' set to 24 HOURS; and 'RETRIEVE DATA' with radio button options for input numbers: 1 to 6 (selected), 7 to 12, 13 to 18, and 19 to 24. A 'Search' button is located at the bottom of the form.

SEARCH CONDITION

FROM:

The start date for the search period defaults to one week prior to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

DATA INTERVAL:

Defaults to 24 hour summary. Should you wish to change the interval, change the '24' to the interval you require.

INPUT NUMBERS:

Select the group of meters to be searched.

SEARCH

Initiates requested search

SEARCH (Summary Report – Hourly Report)

The Summary Report page is found by passing your cursor over the 'Reports' item, and clicking on the new drop down 'Hourly Report'. The following page will be displayed.

The screenshot shows the DAN Data Acquisition Software interface. At the top is a blue header with the DAN logo and the text 'Powerful Web Based Data Logging Solutions'. Below the header is a navigation bar with links: Main, Console, Reports, Search, System, Settings, and Logout. The main content area is titled 'Daily Summary Report' and contains several sections for configuring the report:

- DEVICE IDENTIFICATION:** A label 'DEVICE:' followed by a text box containing 'HD070001 | ARV NORTH'.
- REPORT PERIOD:** A section with 'FROM:' and 'TO:' labels. 'FROM:' has a date/time box '2014-12-03 00:00' and a placeholder '[YYYY-MM-DD]'. 'TO:' has a date/time box '2014-12-08 13:25' and a placeholder '[YYYY-MM-DD]'.
- SORT ORDER:** A label 'SORT ORDER:' followed by a dropdown menu showing 'DESCENDING'.
- INTERVAL:** A label 'INTERVAL:' followed by a text box '12' and a label '[HOURS]'.
- REPORT DATA TYPE:** A section with a label 'DATA TYPE:' and four radio button options: 'Meter 1 To 6' (selected), 'Meter 7 To 12', 'Meter 13 To 18', and 'Meter 19 To 24'.

At the bottom of the configuration area is a 'View Report' button.

REPORT PERIOD

The start date and time for the summary report period defaults to midnight 5 days before to now. This may be changed by inserting the time and date from which the search is required to commence.

TO:

The end date for the search defaults to the current time and date. This may be changed by inserting the time and date at which the search is required to end.

SORT ORDER:

'Descending' places the most recent date at the top of the list, 'Ascending' reverses this order.

INTERVAL:

The interval over which the summary is to be generated automatically defaults to 12 hours. This will generate 2 reports for each 24 hour period. The interval may be changed (e.g. 6 would provide 4 reports for each 24 hours and so on)

DATA TYPE:

Select the group of meters to be searched

VIEW REPORT

Initiates requested search